The Nugget Is California's Leading Mining Weekly

Nevada City Nugget

VOLUME V, NUMBER 27 THE GOLD CENTER NEVADA CITY, NEVADA COUNTY, CALIFORNIA THE COUNTY SEAT PAPER FRIDAY, JUNE 19, 1931

CAMP FIRE GIRLS AT LAKE VERA

Over three hundred young girls are enjoying a summer outing at Lake Vera four miles from here. The lake rings with the laughter of young voices from early morning until taps in the evening.

The editor had the pleasure of eating breakfast with the girls and their councilors at Camp Celio on Thursday morning and enjoyed it very much. There are 184 at Camp Celio including 25 councilors. The girls are from the groups of Camp Fire Girls from Oakland ,Alameda, Berkeley and San Leandro. They are under the direction of Executive Head Mrs. Searls.

The girls are assured of good wholesome food under the direction of a torained dietician and two assistant cooks. Fresh vegetables, fruits milk and eggs are brought into the camp daily and the girls must eat all that is served them.

The work of the dining room is done by K. P. selected daily from the group of girls butall the kitchen workis done by hired help.

The girls also take care of their own tents the laundry work is optional but most of the girls prefer to send their laundry to Grass Valley Laundry.

The day is put in with hand craft, camp craft and nature lore lessons and twice daily swims. Each day a group goes on a hike and sometimes overnight. A group of girls straggled into camp from an overnight hike with their rolls on their backs. Most of the girls had slept but little not being experienced in the art of making beds in the forest. They had to cook their breakfasts in the open and fry an egg on a rock. This proved a great success.

The girls are divided into three groups. The Blue Bird group consisting of girls of 6 to 11 years, the Juniors 12, 13 and 14 and the Seniors of 15. The Seniors are located in the newly constructed Berkeley camp.

At Camp Piedmont are about 150 including councilor and girls. They are under the direction of Miss Rupert. Camp Piedmont will only run three weeks. Their program runs about the same as Camp Celio. The children have a program of craft work and nature lore under an experienced councilor.

WANTED A MESS HOUSE

The girls at Piedmont Camp Experienced considerable inconvenience the first of the week in the rain storm, They had good serviceable tents to sleep in but their tables were set in the open with only the sky for a canopy. The first morning of the rain the girls were ordered to stay in bed and the councilors carried their breakfasts to them on trays. This proved a difficult task as the tents were several hundred yards from the kitchen. The next meals were served to squads of girls who ate in the kitchen.

In spite of the rain, the girls went riding and swimming. One thing the camp life teaches the girls is good sportsmanship.

councilors are going back to Piedmont to make a drive for a mess tent.

Their plans for future development also call for a lodge over looking the lake. The girls and cuncilors are delighted with their camp among the pines.

CAMP CELIO ENTERTAINS

Monday afternoon Camp Celio invited Piedmont Camp to be their guests. Needless to say Piedmont enjoyed the afternoon. Camp Celio has a large mess hall so all the girls could be under one shelter.

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MINERS PICNIC HELD GRASS VALLEY THURSDAY

The Miners Protective League picnic was held Thursday, having to be postponed from Wednesday on account of rain and wet ground.

Games and sports events were enjoyed besides the lunches prepared and brought by the picnic groups.

Thursday proved an ideal day for the celebration as it was not too warm.

This event is looked forward to with great pleasure by all miners and their families, and friends.

All places of business were closed in the afternoon in Grass Valley.

RELIANCE PLACER QUARTZ MINE CREATES INTEREST

Mrs. Roy Kimball was a Neavda City visitor this week, looking into business matters in connection with the Reliance Placer and Quartz mine in the Alleghany and Eureka Mining Districts above the Plumbago mine. She is assisting in getting the property in shape in order to sell it. An offer of $50,000 has been refused. A number of offers have been made and it is thought a sale will be made shortly.

A 170 foot tunnel is being driven on bedrock toward a good quartz ledge. Good assays have been returned on the gravel and quartz.

Five claims are incorporated in one in this property.

Jack Lewis and C. A. Miller who with Mrs. Kimball own the Reliance were in town Sunday enroute to Downieville on business matters pertaining to the mine.

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KEEN INTEREST SHOWN IN PAYNE BROS. MINE

Keen interest is being shown by several men who have been taken out to Paine Brothers mine this season, which is situated in the Kennebec district in Section 15.

It is interesting to note that these men are working on a porphry dyke. The general formation is Calaveras or Delhi slate. All gold traced in the ravines lead to this dyke.

In the first location $1400 was taken out of a 55 foot shaft. A drift is being run so that it will unwater the mine, and the work is on a main vein. They are working in a 345 foot tunnel cutting a number of ledges one of the largest being 5 feet in width.

Paine Brothers have installed a tramway down hill to the new Huntington mill.

Paine Brother Mine is composed of eight claims.

Descriptions of this property are to be found in Lindgren's folio of the gold region in this part of California.

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BIG INTEREST SHOWN IN MT. ORO MINE PROPERTIES

A number of different mining men of importance have looked over the Mt. Oro gold mining district within the past month or so.

This is really a virgin country, yet early mining history shows there has been vast amounts of channel gold taken out on the surface.

Messrs. George and Andrew Carey have several very large ledges on their property and they are finding some very fine ore on the largest one, where they have been doing their assessment work. This ledge is about 40 feet in width with the outcroppings of rich ore all over it.

Adjoining them are the Ewing and Edminster claims and below them are the Golden Edna claims.

From the amount of interest being taken this year in this section, it looks like there will be some activity by fall.

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ST. LOUIS MILL EXPECTED TO OPERATE SHORTLY

The mill at the St. Louis Mine of the Federal Consolidated Mines is expected to be operating in about two weeks. It will handle ore from the St. Louis and Constitution mines. This is a ten stamp mill with Kraut flotation cells.

Ore has been shipped from the Constitution this week to the smelter at Selby's. This mine is around 200 feet in depth.

Concrete work has been finished at the St. Louis mill, the separator installed for the Kraut flotation cells, and the 16 inch pipe line from the Snow Mountain ditch will be done this week.

Work is also being prosecuted on the Cyane and Federal Loan.

The Federal Consolidated Mines are composed of a group of about seven mines with production records for each, but none of them have ever gone down to any depth.

J. M. Hoff is general manager.

HOGE MINE CONTINUES TO SHIP ORE REGULARLY TO SMELTER

The Hoge mine shipped their semi-monthly shipment of ore to the smelter at Selby's Thursday. They have been shipping at this rate since the first of the year and will continue until the mill is completed.

The mine is looking fine, the shaft being down 327 feet. Development work on the 300 level is to intercept two additional veins which are known to exist, and when encountered will undoubtedly put the Hoge mine on the list of big producers of the District.

The entrance to the mine is obtained through a three compartment shaft, the mine being fully equipped with machinery.

They have a double drum hoist which will be serviceable to a depth of 2000 feet, and a 1050 foot compressor which will supply air ample for the requirements for several years to come. Plans are now under way for a flotation plant.

Mrs. Arthur M. Hoge is superintendent, Mr. Otto Schiffner, general manager, and Mr. E. C. Uren, consulting engineer

ELIMINATE UNQUALIFIED INSURANCE AGENTS

This is the fourth of a series of articles of explanation of bills introduced by Assemblyman Seawell and passing both Houses of the Legislature.

Assembly Bill No. 923 ,of which I was a co-author, has for its purpose the elimination of unqualified Insurance Agents. This bill provides that Insurance Agents must pass an examination approved by the Insurance Sommissioner of the State. It is hoped that as the result of this bill people engaging in the insurance business will be fully qualified to represent the merchandise they are selling. For many years the general public has been swindled by unscroupulous insurance premiums, who misrepresented to the public, the terms of the policy through lack of knowledge of what they were selling.

The authors of this bill believe in the future the general public will be able to deal in insurance with agents who have a definite knowledge and schooling in the insurance business.

Assembly Bill No. 1153 was a bill introduced by Assemblyman Seawell at the request of a County Clerk's Association. The purpose of this bill is to classify our present election laws and make several minor changes in the same.

It, also ,provides that when the County Clerk inadvertantly places the name of an elector in the wrong precinct, said elector may secure from the County Clerk a certificate stating that the said elector was placed in the wrong precinct through error, and that he may vote in the precinct in which he resides providing certificate is obtained from the County Clerk prior to the day of election.

Assembly Bill No. 1152 is a Claim Bill introduced to provide for the payment of a claim filed by the Lassen Advocate against the State of California for services rendered.

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HENRY DAMON OF RELIEF HILL AT LIFE'S END

Henry Damon, rancher of the Relief Hill section, who was a victim of a thief Sunday or Monday morning, who took over $500, he had borrowed to buy a ranch, died Wednesday at the county hospital where he was taken when he became seriously ill.

He was suffering from a tumor in one lung and refused to be operated upon. Opinion is expressed that the robbery did not hasten his death.

PROSPECTOR AIDED IN STATE O F NEVADA

T. W. Hanrahan visited Reno recently. He reports things quiet there in a mining way, but the merchants of Reno do all they can to help out the prospector. The entire state is friendly to the mining industry.

That is a good lead for Nevada County and Nevada City to follow.

The Nugget has from its inception boosted mining and while the present editor has been considerably handicapped in not being able to visit the various mining properties as the late editor did we have endeavored to at least be in a receptive position.

The Nugget is read with interest all over the United States wherever men are interested in gold mining. They have read of the boom in Nevada City with interest and this in turn attracts more men here.

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ORO FLAME MINE SHOWS GOOD ORE VALUES

Mr. J. J. Connell was a visitor in The Nugget office last Friday and reports 600 feet of development work, 400 feet of which is cross cut and 200 feet on vein which run from one to five feet in width on his Oro Flame mine in theAlleghany District and in the same belt as the Ireland and Rainbow.

At present two men are at work on the property which is composed of 8 claims. The formation is slate and serpentine. Two main ledges are forty feet apart on the surface and it is thought they will converge at 150 foot depth.

Mr. Connell has been working the property for about ten years and says he has made a good living from the property in that time. He is a practical miner having worked in all the important mining camps in the United States.

At present a San Francisco company is looking over the property with the idea of taking it over.

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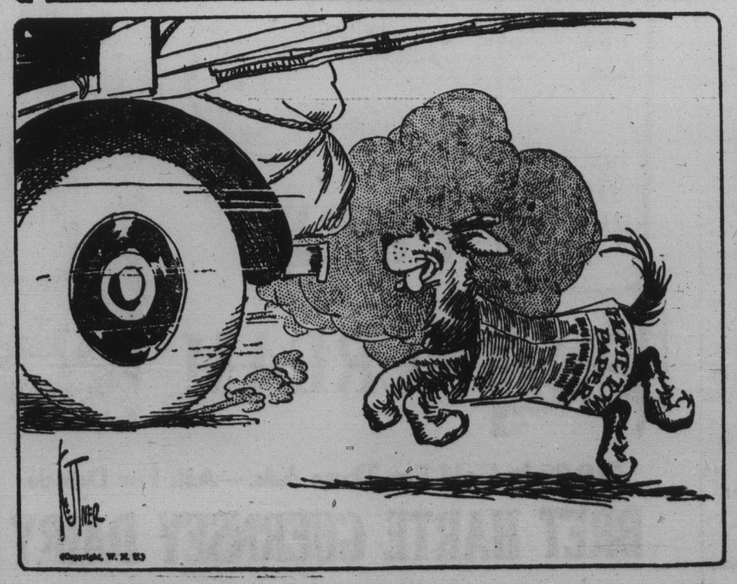
MAJOR DOWNEY'S SON ON VISIT TO OLD HOME

Mr. Downey of San Francisco was in Nevada City Thursday on his way to Downieville to revisit old scenes. The town was named after his father.

As the story goes a session was being held in Downieville in the early days to decide on a name for the town. One of the men glanced up and saw Major Downey coming down the hill. and he exclaimed, "We will call the town Downieville after Major Downey."

Ol' Faithful



CHAMBER OF COMMERCE TO HAVE MODEL MINE

Mr. and Mrs. H. L. Cook of Merced have been spending a two weeks vacation in Nevada City with relatives.

Mr. Cook who is a telegraph operator in Merced has just completed, in his spare time, a model 10 stamp mill which features the new flotation process. It shows the complete workings of a mine from the underground works to the finished gold. It is electrically driven. The model is to be loaned to the Mariposa Chapter of Mining Association of California at the celebration June 20th and 21st, after which the model will be on display at the Chamber of Commerce in Nevada City. It would also make an excellent nucleus for a mining display at the State Fair this year.

Mr. Cook was a Nevada City boy and received his education in the local schools. It was while here that he became imbued with the mining fever from which he has never fully recovered. He spent part of his vacation time prospecting in the hills and located several claims. He plans to return sometime and devote his time to mining.

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SUIT TO RECOVER ENDED BY COURT

The trial of the action brought by M. C. C. von Loben Sels against the American Foundation Company to recover for advances made by him to the company amounting to more than $300,000, was tried in Superior Court Monday.

Chas. A. Warren and Kenneth Ephram, claiming to be stockholders of the company, had intervened in the action and it was upon the issue presented in the complaint in the intervention that this trial was held Warren was evasive in answers as to how he obtained the stock and was cautioned by Judge Tuttle several times.

Judge Tuttle ruler: "I think these charges made in this complaint in intervention are absolutely unwarranted and are without any semblance of foundation or fact; there is no question about that. It is folish to come into court without a showing of more than has been made; it is really a travesty on justice. Of course, the complaint in intervention will not prevail. Findings will be prepared accordingly".

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NEVADA CITY FORESTERS PLAY BALL AT MARIPOSA

The Nevada City Foresters base ball team are to contend with the Mariposa Miners at the Mining Celebration there Sunday, June 21st The local boys will represent Nevada County Chapter Mining Association of California. The local boys are looking forward to a most enjoyable trip and are determined to bring back the trophy for Nevada County Chapter.

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MINING PERSONALS

C. M. Cass of San Francisco has been attracted by the possibilities in mining in this district. He was formerly in the British Columbia territory. Mr. Cass has made four trips to Nevada City in the past month and says it has rained every time.

Chas. G. Bloxham and G. L. Metliven were in town last week looking for a placer property.

C. F. Humphrey, J. W. Humphrey and R. E. Steel of San Francisco, who are interested in mining properties here, are spending a short time in this locality.

George Thomas is managing director of the Eagle Bird mine. This company has filed on a number of mining claims in the Washington district.

C. La Camp and sons are milling ore from their claims a half mile to the east of Graniteville with good returns.

The Federal Loan mine, J. M. Hoff manager, shipped a S. P. car load of ore to the plant at Selby's All shipments of ore from Hoge Development Company and Federal Loan were shipped over the Narrow Gauge Railroad.

BIG STRIKE MADE IDAHO-MRY'LN'D

Another rich strike has been made in the Idaho-Maryland mine at the 1900 level. The new ore body uncovered is in a six foot vein and assays from across the face of the vein ran $200 a ton. The run of the ore in the tunnels is from $20 to $30 a ton.

A new Kraut flotation plant will be installed in the Brunswick mill within the next thirty days. heretofore with the talc in the Idaho-Maryland Mine, but Mr. Kraut has finally succeeded in perfecting cells which will handle the talc and give a 96 per cent extraction. A ball mill is to be installed to grind the ore fine enough for the flotation cells. The ore will be trucked from Idaho Maryland to the Brunswick Mine.

In all 130 men are employed at the Idaho-Maryland, all in one shift.

Errol MacBoyle is superintendent of the Idaho-Marysland mine.

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WORK PROGRESSES ON AT STEEP HOLLOW MINE

A tunnel in the neighborhaad of 800 feet has been run to reach the trough of the channel. This tunnel has been under gravel for some distance, but the aim is to run through the bedrock until the objective is reached, which is about 75 feet farter, and then raise.

The channel is quite wet which is the nature of all channels in that section.

Mr. J. M. Hoff is interested in this property

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AMERICAN FLAG MINE COTINUES DRIFT TO LEDGE

The American Flag mine is composed of 13 claims. They have drifted 1600 feet and are now cross cutting to reach a large ledge in the back. They expect to reach it in about another 100 feet.

Work on this property for this year is complete, but assessment work for next year 1931-1932 will be commenced in a few days.

This property is situated on Oregon Creek 1½ miles west of the Alaska, a rich well known producer.

Owenrs of this property are A. C. Martin, Klamath Falls, H. Dawson, Piedmont, and James Grimes, Oakland.

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YELLOW JACKET MINE IS WORKING STEADILY

There is a 1500 foot unnel on this property. It is situated next to the Tightner, a rich producer.

They have compressors and a 10 stamp mill, all machinery being run by electricity.

About three men are working at this time. William Lichtenberg is superintendent of the mine.

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PREPARE FOR PICNIC SUNDAY AT SKI COURSE

About a score of members of the Nevada City-Grass Valley Ski Club spent the day at the course preparing the grounds for the big picnic which is to be held next Sunday.

A meeting was held Wednesday evening and all details were arranged for.

A number of other sporting events will be on the program also.

The Elks of Nevada City and Grass Valley will put on a lively game of baseball and are practicing daily for the event.

Busses from Dolan and Grizzle's will run from Nevada Cityto the picnic grounds every hour.

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CITY OF SIX SEEMS TO BE COMING BACK IN NICE SHAPE

It is reported that the City of Six near Downieville has struck it rich in the last few days.

If this is true we wish to congratulate Mr. Hodgkinsn who has stuck to the property through thick and thin for 18 years, and deserves great praise for his perserverance.

THE NEVADA CITY NUGGET

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Elsie P. Willoughby.....Editor and Publisher
Thomas Bessler.....Manager

OUTLOOK FOR FUTURE OF YELLOW METAL

By G. AUSTIN SCHROTER

The accuracy of conclusion can be immeasurably enhanced by frank discussion, and to the end of further enlarging upon the observations of Mr. Robert N. Bell, made in his article on "The World's Gold Resources," in The Mining Journal of March 15, 1931, the writer is tempted to submit the following discussion.

Mr. Bell in his article has crystallized in an interesting manner many of the prevailing ideas regarding the world's gold production, but it seems that he has been unduly pessimistic in his conclusions, and that, as a geologist, he has overlooked many of the possibilities of his profession.

Obviously, to enter into an conomic discussion, for or against the use of gold as a monetary standard, would be the function of an economist specialist. It would appear as though Mr. Bell possesses many points in common with Prof. Fisher, since he implies that two industrial panics within eight years are directly traceable to the single gold standard of value, rather than to mass production, speculation, or the other commonly supposed causes of "hard times".

Be that as it may, another common fallacy is dwelt upon excessively. I say fallacy, in all due respect to Mr. Bell, since it is a fallacy rather commonly accepted throughout the profession as fact. Namely, that since a great part of the past production of new gold has been from placers, and that since the possible loci of new placers have been more or less thoroughly prospected, future production of new gold is bound to decrease.

It is a known fact, that 15 or so years past, the outlook for future domestic oil resources was so gloomy, that it was frequently openly predicted that the country's oil resources would be exhausted in approximatly a decade, and yet today the cry throughout the petroleum industry is for curtailment, and the demand for petroleum (increased many times since the earlier dire forecasts) is literally flooded with oil.

It would be a broad statement to predict the same future for gold production, but obviously several factors enter into the outlook for the future that cannot be ignored.

In the first place, as Mr. Bell points out, the life expectancy of the Rand may be measured (at present) in one or two decades, and it is essential that gold operators look about at once if they are to continue as such.

Until quite recently, the incentive to look for new gold deposits was as least on the ebb, if not absent, a condition that has been in existence for nearly a quarter of a century. So many other metals, not influenced by stabilized sale price and fluctuations in buying power, have been more attractive to the investor than gold.

Today, this attitude is reversed. The world is awakening to the sense of an approaching crisis in gold reserves, and the sleepers are bestirring themselves to search for a meal long neglected. Such an awakening cannot but be reflected in new discovries, and increased interest in exploration and scientific development.

To suppose that domestic placer properties of merit are worked out or scarce is at best an erroneous supposition. In California for instance, adverse legislation practically killed placer mining in 1884 by the Sawyer decision. According to Bulletin Number 92 of the California State Mining Bureau (1923), the result of two years field investigation by that office revealed the fact that there was close to $1,000,000,000 yet remaining in Tertiary gravels in California, that could be economically recovered.

Several instances are on record of enormously rich placer properties with ample water rights, debris catchment dams, and worthwhile facilities for commercial exploitation, with permit from the State Debris Commission to resume work, that are literally going begging. Yet according to general opinion, placer mining is dead.

Mr. Bell suggests that consensus of opinion of the experts of Canadian pre-Cambrian gold belt is not highly optimistic, that Sudbury is one of the few worthwhile possibilities in Canada, and yet it has been shown* that mines of the Canadian pre-Cambrian are confined largely to two great areas of Keewatin and Huronian, comprising roughly 10 per cent of the pre-Cambrian shield, which are at best, meagerly presecuted. The Hoffmans indicate that the area of Keewatin and Huronian rocks form one of the most pregnant prospecting regions of the world. If H. C. Cooke's predictions regarding the Kirkland Lake-Larder Lake band of Temiskaming sediments led to the rapid development of the Rouyn area, it is not too much to hope that the suggestion advanced by the Hoff mans will be followed with fair hope of success.

As a geologist, the writer is forced to take issue with Mr. Bell over the latter's statement that maintenance of the present domestic output of 2,000,000 ounces of new gold per year will in future depend largely upon the production of base metal deposits, and with almost certain knowledge of controversy, he feels that the geologist will do much to alleviate the shortage within the next few years.

It can do no harm to review a few of the strides made by a relatively new science during the last few years in adding to the concepts of ore finding. The theory of lateral secretion in the formation of ore deposits held sway for so many years, that it did much to deter new discoveries. It was a relatively recent thing when Blanchard, Locke, and others demonstrated the exact relationships of gossans and supergene enrichment. Few people suspected the exact relationship between arsenic-concentration and copper ores until it was demonstrated by Broderick in the Lake Superior ores. The occurrence of rich hpyogene copper ores in quartz porphyry pipes at Cananea was unsuspected for years. B. S. Butler added an intensely important chapter to the science of ore finding when he published his findings on the relationships between apically truncated magmatis cupolas and ore deposits.

And so the list could be carried on for pages, but the essential fact still remains that mining geology is still in the embryonic stage, and the problems requiring attention and solution are without number.

There is no reason to suppose for an instant that because the world is faced with a serious situation in regard to the decline in gold production that geology is going to die. It would be far closer to fact to suppose that in the next decade or so, the science, under the stimulus of necessity, will evolve new hitherto undreamed of methods of ore finding.

The geology of gold deposits, furthermore, has never received the attention devoted to copper, silver, and zinc ores, and the inherent antagonistic attitude of the gold operator is giving away before the realization that the geologist is, after all, a dividend earner with a distinct task before him.

In conclusion, the author wishes to say that it is high time for the mining profession to dig its head out of the sand as regards future gold discoveries and crack the nut of gold ore-finding as it has that the geology of copper, the flotation process, block caving, and the other stumbling blocks of the past.

*Hoffman, Arnold & Roberts, D.—"Pre-Cambrian Conceptions"—Engineering and Mining Journal, March 9, 1931.

LOCATION NOTICES—Quartz and placer location notices for sale at The Nugget office at 5c each.

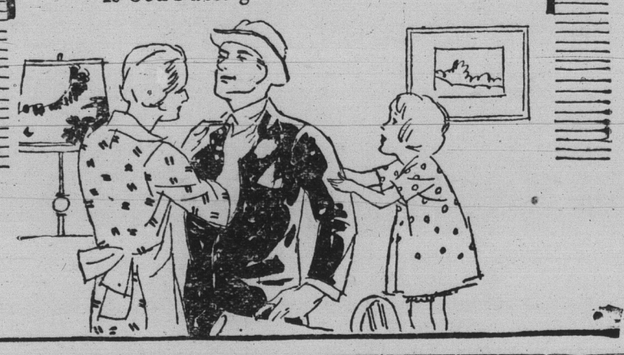
You and I

by CHARLES S. KINNISON

MAN AND HIS MATE

Our wives believe that we're all right,
Despite what others think—
And by our side they'll stand and fight
To Life's eternal brink!
And though they jibe us 'round the house,
For messin' up the place,
As our beloved, loyal spouse
They'd fight to save our face!

They don't sit down and whine and cry
If we've a humble task—
If they believe we really try,
That's all of us they ask.
Though married life is marred with strife,
Sometimes, throughout its span,
I still will say a loyal wife
Is God's best gift to man!



GRASS VALLEY PERSONALS

E. J. Hocking was a business visitor in Sacramento Wednesday.

Mr. and Mrs. Jess Moomey have returned from a brief honeymoon trip to to the bay region.

Mr. and Mrs. Errol MacBoyle are spending a few days in San Francisco. He is general manager of the Idaho-Maryland Mine.

Mrs. Albert Lowe and children and Miss Mamie Lowe of Calexico, Cal., are visiting at Glen Brook at the John Tin Loy home.

Ivan Parker, of Auburn, and a former assemblyman of Nevada and Placer counties, visited in Grass Valley Wednesday.

Clifford Rowe, son of Mr. and Mrs. Albert Rowe, is recovering formed by Dr. Carl P. Jones.

Harry Nichols left Wednesday eve for Woodland where he is visiting his wife and step-son Billy Boffinger, who is recovering from a recent auto accident.

Mrs. W. T. Terrill, Mrs. Royal Richardson and Mrs. Fred Wales attended the funeral of their aunt, the late Mrs. Jane Cox.

Mr. and Mrs. Earl Carter and Mr. and Mrs. Bert Carter left Wednesday for San Diego to attend the funeral of the father of the two men.

JOHN W. DARKE

109J Phones 109M

Upholstering

FRENCH CORRAL ITEMS

French Corral, June 17—At last the blessings of a good rain has come to this section and it did just pour down we can tell you. Soon the green grass, blessed grass will make its appearance in the dry places and everything will look beautiful again.

Already visitors have been camping beneath the wayside pines, where, away from the smoke and noise and din of the city, they can enjoy the sweetest rest. Here peaceful night brings solitude indeed. With silence unbroken, save by sme night bird's call, and only the heavenly light of moon and stars above you and the soft sighing music of the breeze among the boughs one is lulled off to slumber too deep for dreams. What was that? ! ! Rain drops? ! ! We must grab things and pile into our auto as quickly as possible. What a scramble!, but oh! what a thrill we've had! I just love thrills! ! poor old Dad hobbling up says—— if I do! Such is life.

Mr. and Mrs .F. Koontz of Sacramento spent a few days camping in this place and said they enjoyed every minute of it. They returned to their home Wednesday.

J. H. Haslett and son, Lloyd, made a trip to Roseville Wednesday.

Mr. and Mrs. Donald Hoffman and little son, Jimmy, of Sacramento and Mr. Hoffman's mother, Mrs. Julia Hoffman of San Francisco, paid a visit to French Corral Wednesday. Mrs. Hoffman, Sr. had not visited this place for many years. Her parents were pioneers of this section. Before her marriage to the late Adrian V. Hoffman ,she was Julia Medden, and all her childhood and part of her married life was spent in this place and her children were born here. She saw a great change in the old time lively little town.

Mrs. J. W. Culver and Mrs Elsie Schwartz attended the meeting of the O E. S. at Smartsville Wednesday evening.

Mr and Mrs. Kallenberger and Mrs Church of North Bloombield were Birchville visitors Wednesday.

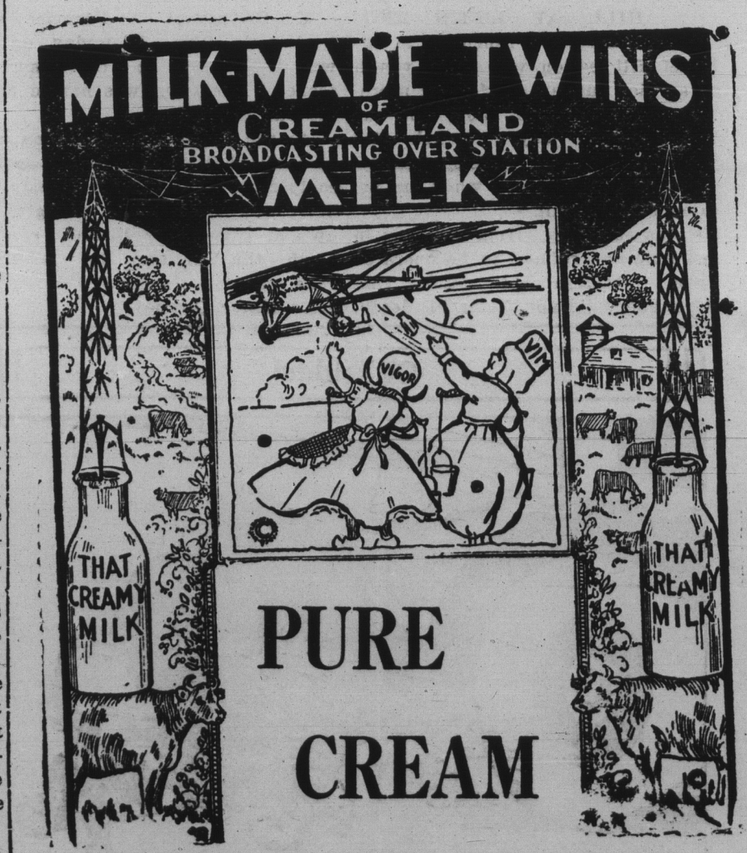
Mrs. A. Browning and son, Harry, Mrs. K Sullivan and N B. Bishop were in Nevada City and Grass Valley Thursday

M. O'Connor and sister, Therese, had business in Grass Valley Thursday.

W. P. Clerkin of Pike City and Mr. Macy of Los Angeles were Thursday visitors

Mrs. J. W. Culver went to Auburn Thursday to visit her son, Edward Wilcoxson and to be present at the graduation Friday evening, her grandson, Edwin Wilsoxson, being a member of the graduating class She returned to her home at French Corral Sunday, in company with Mr. and Mrs. Earl Chatty and sons, Billy and Jack, and Mr. Hardy of SanFranc isco. Her daughter, Mrs. Earl Chatty and children will remain for a few weeks visit.

Mr. and Mrs. A. Browning were calledto Nevada City Friday on account of the illness of Mr. Brownings mother.



PURE CREAM

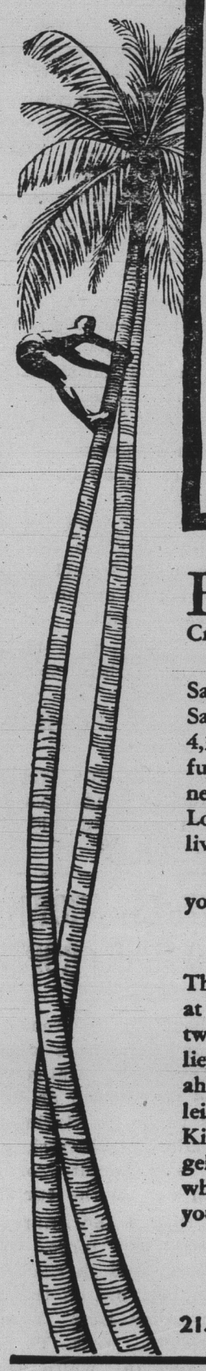
$10.00 In Gold For These Ads.—Ask For Details

BRET HARTE GUERNSEY DAIRY

Call 77 When You Want Cream From Guernsey Cows

what other vacation can offer so much

5000 MILE CIRCLE CRUISE TO HAWAII and LOS ANGELES all in 2 WEEKS only $297.00



FOR your vacation—Hawaii! And Southern California, too! Combined in a glorious Circle Cruise, the greatest travel bargain of 1931!

Cost? Only $297 inclusive round trip from San Francisco, and intermediate points between San Francisco and Los Angeles. Tour includes 4,302 miles of luxurious sea travel on the beautiful *Malolo*, 150 miles of motor trips in Hawaii, nearly 500 miles of scenic railway travel between Los Angeles and your destination, and all your living and sightseeing expenses in Hawaii!

Time? Exactly two weeks—not a day more than your regular vacation!

Malolo Sails May 16!

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PERCENTAGE OF MINERAL DEPLETION

By J. R. Finlay.

I have been asked a number of times to express some opinion as to the merits of an arbitrary "percentage depletion" as against the present method of calculating a deduction from income to cover either the cost of a mining property as of March 1, 1913, or the value of a new discovery, but I have always refrained from doing so, because I could not find adequate figures of actual results. Even lacking these, it always seemed probable that sooner or later calculations based upon cost in 1913 would have to be abandoned, because that cost would be all accounted for. This has already happened in a good many properties, with the result that the owners find themselves obliged to pay higher taxes than some competitors whose original "cost" or "value" was higher, or else seek the benefit of fresh "discoveries" under highly tchnical rules governing such discovery, or to manufacture through virtue of hindsight a higher "cost" or "value" for 1913. This bald statement of the case is enough to show that a sense of inequality more or less baffling and vexatious pervades the administration of the present law. It is of course doubtful if any tax law can be devised which will be entirely free from objections. There are, it seems, two suggestions: (1) to do away with the provision for depletion altogether, and (2) to make provision arbitrary and permanent according to average, not individual, cases, so that the mining industry as a whole will pay the required aggregate of taxes. Under this arrangement of course, some properties would pay more, others less, than at present. Naturally, those who would pay more would be aggrieved and those who would pay less would be gratified. It is hardly reasonable to expect that an agreement could be established upon a basis of near-sighted self-interest; it would rather be upon the perception that in the long run equity and fairness with consequent stability would be more valuable than a fleeting and insecure advantage to some and the disadvantage of others.

The figures presented by L. H. Parker, chief of staff, to the Joint Committee on Internal Revenue Taxation, seem to throw a strong and needed light on these points, such as could come only from the records of the Treasury Department. The "ratio of depletion allowed and net income from property" for the seven years 1922-28 inclusive was as follows, given in weighted averages for the period:

	Per Cent
Gold and Silver	37.
Copper	60.5
Lead and Zinc	32.5
Iron	41.2
Coal	31.6
Sulphur	45.8
Arithmetical average of all	41.4

Off hand it would seem as if these figures prove the present system to be inequitable. Iron is almost exactly at the average, sulphur only slightly above it, and copper is far above it—that is, in the amount of depletion allowed. Coal may belong in a category by itself, because of the fact that the mining reserves can be figured for the other commodities. Lead and zinc and gold and silver have been allowed decidedly less than the average. It is not this exactly contrary to a reasonable expectation? These are precisely the metals in which the reserves are the scantiest, which most depend on continued discovery, and for which consequently the depletion allowance should be highest

Moreover, on this showing it would seem as if the government would, for the present at least, actually gain by allowing the suggested flat depletion rate of one-third current income. Though it would lose the prospect of a diminishing allowance in the future through the exhaustion of original cost, it would gain through an immediate lowering of the allowances. Then there would most likely be a saving in administrative expense and in the cost of disputes and delays; all of which is so obvious as scarcely to need discussion.

After all it is not clear that depletion should be anything more than the amortization of capital invested. Assuming that a mining investment is entitled to a return of 7 per cent on its capital, an allowance of a further 3½ per cent for amortization, this installment to have an earning power of 4 per cent annually, would restore the original capital in about twenty years. An allowance then of one-third current income would assume that the average mine was good for about that length of time.

It has never seemed to me that such an expectation was very much out of the way, although there are plenty of glaring exceptions in the direction of both shorter and longer life. In the case of very short-lived mines, say ones that will last only two or three years, an allowance of 33 1-3 per cent out of annual return would seem to be low until we remember that the return must be exceptionally high anyway— say, 50 or 75 per cent a year—or else the operation will be unprofitable, tax or no tax; and the deduction would soon cover the investment. On the other hand, in cases where there is a prospect of life much longer than twenty years, it is worth notice that mining inevstments seldom remain unaltered for that length of time; there is usually a shifting to some new basis by sale or purchase, expansion, the adoption of new processes, or the building of new plants—all of which call for investments not originally foreseen. These new investments have the same right to be made good as the old ones, and in the course of time new and old become scrambled together so that it is about impossible to make an intelligible spearation.

It seems to be arguable that the life of a mine is not really much longer than that of the plant which operates it; when the plant is renewed, either piecemeal or as a whole, the old mine no longer exists. It is hard to recall a case where this is not so. Take one of the oldest and best-known mines in this country, Calumet & Hecla: it is conducting business in the same locality, to some extent within the same building, even producing about the same amount of copper, but the operations have been profoundly changed in all sorts of ways; by consolidation with allied concerns through which the capital stock was changed from 100,000 shares to 2,000,000; by a new system of transportation by development of new ores, and by installation of new plants for milling, smelting, and the reclamation of old tailings. How much money these changes represent I do not know, but it must come to a large fraction of, if it does not equal or surpass, the capital assets visible in 1911.

In other words, the value of a mine is less a matter of the ore in the ground and more of the plants and of effort to make that ore available than we have been accustomed to believe. This has long been recognized in the case of coal I have several times been driven to concludd thatcoal in the ground is not worth anything: it assumes value only when somebody decides to mine it and commits himself to dependence upon a certain tract by creating a plant upon it and operating a business. Some other tract with just as much and just as good coal on it may lie a thousand years untouched, and nobody can tell which will be which.

Even metal mines of average merit are not normally valued at much more than the cost of equipment and working capital. In the case of copper mines, Mr. Arthur Notman estimates that such investments come to some 30c. per pound of annual capacity; that is, a mine like Calumet & Hecla, with an output of 120,000,000 lb. a year, would cost $36,000,000 to put in efficient running order, counting the lands and ore deposits a free gift of nature, costing nothing at all. The present market value of the company is not much more than half that figure.

One might argue from such a statement that mineral discoveries are not worth much and that therefore claims for depletion are not justified, but that is to miss the point. Undeveloped mineral lands are worthless. They become valuable only when development reaches a stage which renders commercial operation can exist only while there is a supply of mineral such as will enable it to compete successfully with other operations; but if such an operation is left as originally established it will lose itscompetitive power, and in twenty years or so a change of base of some sort usually becomes necessary or advisable. The capital is depleted whether the ore is exhausted or not.

These considerations have a certain pertinence in relation to the "valuation" as of March 1, 1913. That date is back now approaching twenty years. Its bearing upon present-day competition in the mining business is wholly artificial. Were it not for the tax law nobody would ever think of it. To have to consider it, still more to pay out money because of it, is a vexation, and a constant temptation to hunt for some pretext to evade it. It seems reasonable to believe that depletion on a percentage basis, like that already adopted for the petroleum industry, and by the Dominion of Canada, would prove sounder and more equitable.

NEVADA CITY CLEANERS
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LOS ANGELES PEOPLE TAKE OVER BELL MINE

Sonora, Calif. June 19—Under an option of purchase, J. B. Halbert of Los Angeles and associates have taken over the Bell mine, on Jackass Hill, one mile west of Tuttletown, from Fred Sutton of Sonora and Philip Rowe of Tuttletown. The same interests have also obtained from various other owners leases and bonds on eight claims either contiguous or in close proximity to the Bell mine, on which there is a 600-foot incline shaft, sunk over 25 years ago. Short crosscuts advanced at the same time on the 200, 300, 400, 500 and 600-foot levels show the main or middle vein, one of three ledges coursing through the Bell property, to very in width from 30 to 49 feet and reveal ores from milling to shipping grades in gold value.

Two promising ore showings have been opened up by William McLaughlin of Columbia on his Lucky Strike property 11 miles northeast of that town. In a crosscut tunnel, now in 40 feet, a five-foot ledge has been exposed which yields average assays of $12 a ton in gold. In a drift tunnel, now 25 ft. in length and located on another section of the property, the face shows a three-foot vein which gives gold values of from $12 to $70 a ton, Mr. McLaughlin states.

In cleaning out a 275-foot drift tunnel, extended in the early days, on his Independence property, five miles northwest of Columbia, Mr. McLaughlin has revealed a vein varying in width from 12 to 18 inches and in value from $10 to $300. a ton in gold. For a length of 105 feet, the orebody gives average values of $50 a ton, he asserts.

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From now on the Colfax Bakery will supply their products to the Sacramento Street Grocery, Nevada City, California.

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STAGE TIMETABLE

Graniteville Stage leaves Nevada City at 7 a. m., for Lake City, North Bloomfield, Moores Flat, and Graniteville. Leaves Graniteville at 7 a. m., for Nevada City.

Alleghany Stage leaves Nevada City daily, except Sunday at 1:00 p. m., for Tyler, Columbia Hill, Alleghany and Forest. Leaves Forest at 6:30 a. m., for Nevada City.

Marysville Auto Stage leaves at 8:00 a. m., for Rough and Ready, Smartsville, Hammonton and Marysville. Leaves Marysville at 1:00 p. m. Connects at Smartsville for North San Juan.

Downieville Auto Stage leaves Nevada City daily at 1 p. m., arLeaves Downieville daily at 6 a. m., arriving in Nevada City in time to connect with 10:30 train for San Francisco.

Washington Stage leaves Nevada City at 6:30 a. m.. for Washington Leaves Washington at 6:30 a. m. for Nevada City

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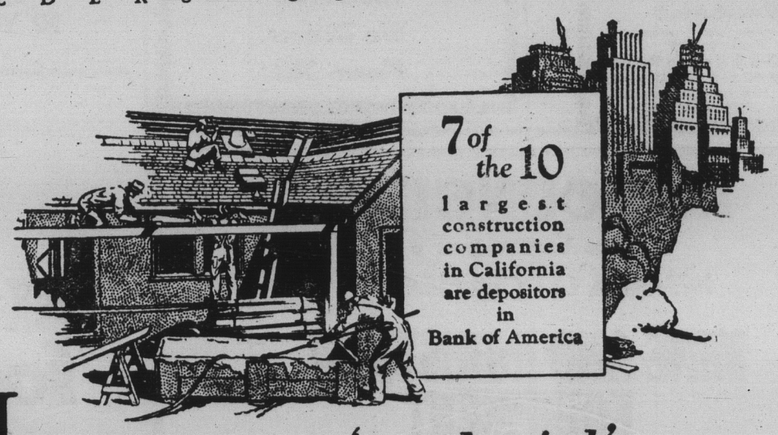

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OLD MINING NOTES OF 28 YEARS AGO

The following a some items that appeared in the clumns of the Pacific Coast Miner of August 22, 1923 and give some idea:as to conditions at that time in the mines.

It is said that the South Idaho mine, at Grass Valley, continues to show up in a most auspicious manner.

The Junction mine, in North San Juan, Nevada County, has been bonded to a new company. Work will be ocmmenced actively at once.

The Pilgrim mine, at American Hill, Nevada County, has been closed down. Its superintendent, T. A. Patterson, has gone to New York.

It is stated a new 20-stamp mill will be erected on the Murchie mine near Nevada City. At present the ore is being crushed at the mill belonging to the Texas mine.

The new plant at the Lecompton mine, in Willow Valley has been completed. This consists of a 10-stamp mill, hoist and pump. The shaft has reached a depth of 425 feet and the vein there is two feet wide, maintaining the excellent grad shown near the surface. Mr. W. H. Dunlap is manager.

It is said that the Grizzly Ridge quartz mine, near Columbia Hill, in Nevada County, is showing good ores. There are two tunnels, in each of which there is a big two-foot vein which carries a large percentage of galena and zinc blene, considered good indications in this locality. With the assessment of 7 cents per share that has just been collected, it is thought that the mine will soon be on a paying basis. The Delhi mine, in the same zone, paid large dividends for several years.

The Weisbein Bros., formerly of Grass Valley, have sold the New Blue Point mine near Smartsville, in Yuba County, to parties from East St. Louis, Illinois. It is stated that application has been made to the Debris Commission to construct a restraining dam to hold back the tailings. Patrick Campbell was instrumental in the sale. The property is considered by local people to have merits as a hydraulic mining proposition.

In the Circuit Court of the United States the Sierra Valley Railroad Company has brought injunction suit against the Boca and Loyalton railroad people to prevent them from crossing the track of the plaintiff. The grounds of the suit are that the latter is only a private company operaitng a road for its own use and is not entitled to enforce a right of way under the laws of eminent domain. The hearing is set for September 7th.

The case of J. H. Brotherton against J. C. Kemp van Ee is occupying the attention of the Superior Court of Calaveras County over an interest in the Royal mine, near Hodson. The contention grew out of an alleged partnership affair.

It is said that the ores in the Randsburg district are as free milling as any found anywhere in the State. For this reason such mines are valuable if they contain any ores worth mention. It has also been found that "pinching out", which sometimes appears, is but temporary and that the veins almost invariably persist in the lower levels.

The Virginia-Gold Hill copper mine, at French Corral, has been sold by its owner, Mr. Daniel Roberts, to the Macpherson brothers, of San Francisco. The ore is said to be of very high grade, and to contain considerable gold as well as copper.

A new slime plant has been introduced at the Gold Tunnel mine near Grass Valley. It is the usual canvas plant familiar to Grass Valley and all California miners. About 30 men are employed on the property, under the management of George Lezinsky.

The dump on the Rose Hill mine at Grass Valley will be worked over by a Jardine stamp mill. The mine has been operated at various times for 30 years and has produced about $100,000 from rich streaks.

It is said that the cross-cut from the Omaha to the Menlo mines at Grass Valley has cut a rich portion of the Menlo vein. W. B. Boum is the chief stockholder in the companies owning both properties.

According to Butte County exchanges A. D. Bonham, a blacksmith of Chico, has found a small but rich ledge some 30 miles from Chico. Some 3,300 pounds of ore shipped to the smelter returned $2,800 and a second shipment is expected to give as much. The discovery was more or less by accident and from a narrow streak the vein has widened during development work until now there is a foot of rich ore.

The iron locations of M. C. Taylor, now of San Francisco, situated at Indian Springs, Nevada County, have been examined by a party of capitalists with a view to purchase. Mr. Taylor bought these claims many years ago and has great faith in them. The ore is hematite. Some years ago a company in which Hotalling & Co. were the chief stockholders, produced excellent qualities of ore in this vicinity, but suspended operations because of the high price of fuel.

A dredging company has at last been formed to operate by dredgers the gravel beds at Penn Valley near Rough and Ready, in Nevada County The gravel covers 140 acres and consists of the debris from the rich old Rough and Ready shallow placers carried down by Squirrel Creek. The scheme was first mentioned in the Pacific Coast Miner several months ago and bids fair to be a success. S. M. Cheyney and W. A. Palmer are at the head of the company.

MORE ATTENTION TO BE PAID ORE PRODUCTION

Executive heads and officers of some of the largest mining and smelting companies of the world gathered in Salt Lake City during the last week in May to discuss contracts and other matters pertaining to their respective businesses.

Among the visitors were F. H. Brownell, chairman of the board of the American Smelting and Refining company; H. Y. Walker, vice president in charge of smelting of the A S. & R.; Clinton H. Crane, president of the St. Joseph Lead company; I. H. Cornell, vice president and sales manager of the St. Joseph Lead company; F. W. Bradley, president of the Bunker Hill and Sullivan Mining and Concentrating Company; S. A. Easton, vice president and general manager of the Bunker Hill; D. C. Jackling, president of the Utah Copper company; James F. McCarthy, president of the Hecla Mining company; B. B. Thayer vice president of the Anaconda Copper company; George W. Lambourne, president of the Park-Utah Mining company.

These notables in the mining and smelting world did not meet under any pre-conceived plan, as many rumors had it, it is declared by the officials. Rather it was chance that happened to bring them together at the same time.

Officials of the big lead producing companies such as the Bunker Hill and Sullivan and Hecla and of the St. Joseph Lead company met to discuss contracts under which the St. Joseph company is handling sales of the product of the mining companies.

The American Smelting and Refining company officials and officials of the Utah Copper company met to discuss smelting contracts affecting output of the Utah Copper interests.

Anaconda Copper officials came to confer with local officials of the international Smelting company, a subsidiary, and to inspect properties of the latter company.

Rumor had it that the foregathering of these officials portended further curtailment of mining and smelting activities or even shutdown of some of the big concerns, but this rumor was immediately spiked by the executive heads of the mining companies who made it plain that no further curtailment was contemplated at this time.

Representatives of the lead and copper interests discussed the present status of their respetctive industries informally. Copper officials sidestepped any discussion of the proposed tariff on copper and all expressed the belief that this metal is at bottom and that an upward swing must come. Just when they would not venture a guess.

The general opinion of these men representative of many of the greatestmining and smelting organizations of America was that while in due time great prosperity will return for the producers of all kinds of metals for more attention must be paid to search for and development of deposits of goldbearing ore.

VERDUN PROPERTY TO BE REOPENED AND DEVELOPED

Jamestown, June 19,—Under a lease and bond recently obtained from V. A. Solari of Jamestown and J. P. Mangante of Sonora, the owenrs, F. A. Virtue and W. P. O'Meara, Los Angeles mining men, have resumed the development of the Verdun property on Moccassin Creek, 12 miles east of Jamestown. A small force of miners has cleaned out and retimbered a 125-foot crosscut tunnel advanced in the early days, and resumed its extension. The face of the tunnel is just entering the vein sought, it is stated.

WILL SOON CONNECT SHAFT WITH DRIFT

Sutter Creek, Calif. June 19—Less than 150 feet of drifting remains to be done by the Central Eureka Mining Company, operating in this town, to connect the 2,400-foot level of its main or Central Eureka shaft with the 2,300-foot level of its Old Eureka shaft, located 1,500 feet apart. This connecting drift, it is officially estimated, should be completed within the current month. It is being advanced through solid greenstone about midway between two parallel ledges, situated about 70 feet apart and known as the main or East vein and the West vein—the principal segments of the Mother Lode vein system.

It is the belief of many mining men familiar with local conditions that the completion of the drift will prove an epochal event in the history of the Central Eureka company In addition to effecting a monthly operating saving of $2,000 and facilitating the mining and further exploration of the Old Eureka and Central Eureka orebodies, it, when completed will provide a safety exit in hard rock from both mines and eliminate maintenance costs for timber and labor in easing pressure of the floor and roof had the working been extended along eithervein. Following completion of the drift, horizontal diamond drilling operations it is learned, to prospect the two veins referred to will be inaugurated at frequent intervals both east and west along the working.

At present a north drift is being advanced on the 2,300-foot level of the Old Eureka shaft. It now measures around 600 feet in length from the shaft and will be continued an additional 500 feet to reach a point immediately beneath the bottom of the 1,500-foot Wolverine shaft on the Maxfield claim of the company which has not been worked for 45 years. A raise will be run 800 feet from or above the drift to connect with the bottom of this shaft, it is stated. At a point 260 feet north of the Old Eureka shaft, a raise is at present being made from this 2,300 level drift to connect with the 2,100-foot level north drift. For a distance of 100 feet north of this raise new stopes are being opened up from which is being extracted about 50 per cent of the ore being sent to the company's 400stamp mill. The remainder of current production is being obtained from the 2,000 and 2,100-foot level north workings in Old Eureka ground.

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LOCATION NOTICES —Quartz and placer location notices for sale at The Nugget office at 5c each.

N. C. N. G. R. R. COMPANY TIME TABLE

Effective Monday, May 3, 1931

Trains leave Nevada City at 4:45 a. m., Grass Valley 5.05 a. m. arriving at San Francisco 12:50 p. m.

Trains leave Nevada City at 9:30 a. m., Grass Valley 9:50 a. m., making direct connection with S. P. train No. 19 arriving at San Francisco 4:50 p. m.

Train leaves Nevada City at 3:05 p. m., Grass Valley at 3:30 p. m., daily except Sunday, making connection with S. P. train No. 20, leaving San Francisco at 11:20 p. m., enabling passengers to arrive at Grass Valley 6:15 p. m. and Nevada City 6:35 p. m., daily.

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LASSEN PARK PRESENTS EARTH'S BIGGEST CHANGE

Visitors to Lassen Volcanic National Park this summer will have an opportunity of viewing the area where nature has wrought the greatest physical changes that are known to have occurred on the earth's surface in resent senturies.

This is pointed out by L. W. Collins, superintendent of Lassen National Park, who is assisting the State Chamber of Commerre Committee in the plans for the mammoth dedication ceremony in the park on July 24th, 25th and 26th.

The dedication marks the completion of the scenic loop highway through the park and the opening to the public of the vast scenic, scientific and recreational resources of the park area.

The statement in the first paragraph is verified by the United States government in the National Park Service bulletin on the park, from which Collins quotes as follows:

"The comparatively mild renewal of Lassen Peak activity between 1914 and 1917 drew the attention of the scientific world, as well as the interest of travelers, to the park's many unique exhibits. In addition to Lassen Peak, which rises 10,451 feet in altitude, and Cinder Cone, 6,913 feet, other interesting volcanic cones are Prospects Peak, 8,342 feet, and Harkness Peak, 8,039 feet. Then there are smaller volcanic peaks and fantastic lava fields, both ancient and modern, fumaroles, hot springs, and mud volcanoes, as well as boiling lakes and other interesting phenomena of a volcanic region.

"Cinder Cone, with its fantastic lava beds and multi-colored volcanic ejecta is unusually beautiful. It is bare of vegetation and leaves the impression of having been formed so recently that the heat of creation should still be present. Evidence has been found, both historical and scientific, to indicate that some of the flows seen here did occur as late as 1850-51.

"For a period of about 200 years Lassen Peak was quiescent, then in the spring of 1914 started a series of comparatively small eruptions. Since the close of its most vigouous activity in 1915 it has remained relatively quiet, although many hot springs and other minor phenomena are proof of its internal heat, and from time to time, at decreasing intervals, the volcano emits quantities of steam and smoke".

Thus, it is pointed out by Collins, park visitors may see a geological chapter just being concluded, what with the Cinder Cone eruptions 80 years ago, the Chaos Crags eruptions of 150 years ago and the violent Lassen Peak eruptions of 200 years ago and the mild ones of 1914-17.

Lest anyone fear for their safety in the park, he hastens to quote the following sentence from the park bulletin:

"There may be future explosions, but Lassen's history as a dying volcano does not lead one to expect any great outbreaks. Today it can be classed between semiactive and active".

—0—

Bachelors Are Reported to Be Most Polite Telephone Users

Single men are more courteous over the telephone than are women or married men. At least such is the deduction of a reporter for the Des Moines, Ia., Register who recently interviewed various telephone operators in that city on the question, "Are married men, bachelors or women the most polite over the telephone?" According to the operators, married men are impatient and demand more in the way of service, while women are not as considerate and get excited more easily. Men in business are said to be those who seem best to understand telephone usage, and single men are reported by the operators to be the best telephone users, as they are "much more polite."

FRED M. MILLER

CONSULTING ENGINEER

CIVIL AND MINING ENGINEERING
REGISTERED CIVIL ENGINEER
LICENSED SURVEYOR

Hydraulics — Irrigation — Surveys
Land Classification.

LAST OFFICIAL MAP OF NEVADA COUNTY

Hydraulics — Irrigation — Surveys
Office at Residence — Grass Valley.
262 Auburn Street.

SUCCESSFUL OPERATIONS AT LAWRENCE MONTE

San Andreas, Calif., June 19—Success is attending the operations of Lawrence Monte Verda and associates at the Whittle mine of the Melones Mining Company, three miles south of Angeles Camp, the renewed development of which was recently undertaken by them under a long-term lease. At a depth of 60 feet in a two-compartment 110-foot incline shaft, an east drift is being advanced on a foot and a half fo gold ore yielding $25 a ton. The ore is being reduced in a 20-ton pilot stamp mill the leasers have erected on the property.

At a point just above San Domingo Creek, a mile and a half west of Murphys, B. T. Hickman and associates of Los Angeles have put a force of miners to work driving a crosscut tunnel on the Hidden Treasure mine, which they recently took over, under a sub-lease, from the Treasure Hills Mines, Inc., of which William Gormley of Sacramento is president. The new adit is designed to intersect at varying depths, all more than 500 feet, the three known ledges coursing through the 120-acre property and which have yielded excellent values in workings advanced in the past at higher horizons. The property, which is owned by Thomas Denslow and Matthew Manuel of Murphys, is equipped with a 50-ton ball and pebble mill and cyanide plant.

The new incline shaft on the Norfolk mine of the Metal Mines Corporation of California, Ltd., near Murphys, has reached a depth of 140 feet. Crosscutting is soon to start from the shaft to explore three veins varying in width from three to 12 feet and yielding promising values on the surfaces.

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ALLEGHANY MINE NOTES

Between 75 and 80 men are employed at the 16 to1 mine. This is the richest gold mine in the state of California.

Jim Sweeney, owner of a mine on Balsam Flat is figuring on disposing of the property to a Colorado Company. Bovee Bros. worked on this property several years ago and took out a very good sum of money from these claims.

Geo. Buck, main leasor, and P. Harrington are taking out some nice placer gold on Kanaka Creek in the Alleghany District.

—0—

Born—In Sacramento, to Mr. and Mrs. William Briggs, Jr. a daughter, Marion Joyce. Mrs. Briggs was formerly Miss Marie Eustis, and a former resident of this city.

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Miss Verna Genasci has returned to Sacramento after having spent a week at the home of her parents, Mr. and Mrs. Charles Genasci.

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CAMPTONVILLE ITEMS

CAMPTONVILLE, June 18,— A large crowd is expected to be in attendance at the big benefit dance, to be held here Saturday evening June 20th. It is the time of the year when many are enjoying vacations, and former residents make it a point to be in the vicinity in order to attend the dance thereby meeting many of their old friends, and acquaintanees. The Meltz Orchestra from Auburn has been engaged to furnish the music, which orrhestra has been playing at Downieville and giving general satisfaction in the rendition of good dance music. A fine supper will be served at midnight, and a general good time is promised for all.

Mrs. Mary Elizabeth Whited, native of and former resident of this section, now of San Francisco, was recently elected as President of the Federation of Womans Clubs of the City and County of San Francisco, a position of considerable note and responsibility. She has been prominent in club work for the past many years, and it was fitting that this honor was bestowed upon her at this time.

As a surprise to her, at the inaugural ceremony, she was presented with a gavel made from an old wooden plane which was owned and used by her father, R. H. Bliss former owner and operator of Indian Hill Mine. The old plane was recently found at Indian Hill and a beautiful gavel with a silver engraved band, made from it.

Mrs. Marion Greer and four children of Oakland arrived at the Hotel Francis Friday, where the children will spend the summer months.

Julius E. Pauly and W. A. Stansberry motored to Auburn Sunday on a brief visit.

Mrs. Louise Knirkrem, Mrs. Vivian L. Long, Donald and Stanley Long, and Warren Pauly left Friday for Mohawk on a short visit with relatives.

Mr. and Mrs. John Labadie of Browns Valley arrived Saturday on a few days' visit with relatives at the Hotel Francis.

Miss Jessie Smart returned a few days ago from Marysville to spend the vacation with her parents.

The Forest Service announces a free motion picture illustrated lecture, Thursday evening, June 12th at the Auditorium of the Masonic Hall, dealing with several phases of their work in the National forests, general forest welfare and fire prevention.

Mrs. Louis J. Joubert of Oakland arrived Saturday on a couple of days' visit with relatives at Oak Valley preparatory to motoring on to Siskiyou county.

D. M. Fraser and party of engineers who spent the past ten days here sounding Bullards Bar dam left Thursday for Auburn where they will do some similar work.

Mr. and Mrs. Ben L. Hames of Sierra City attended the dance at Sleighville House Saturday evening.

Mr. and Mrs. Acton M. Cleveland returne dSunday from a short business visit at San Francisco and Sacramento.

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ROSETTA BUZZA JOHNS
Vocal and Instrumental Instruction
Late of the Royal College of Music, London, England. Vocal pupil of Henry Blower and Piano pupil of Herbert Sharpe. Terms on application. Phone 229R. 218 French Ave. Grass Valley.

—0—

ELECTRICAL WIRING
L. B. Gregory will do all kinds of electrical wiring and all kinds of ignition work. He is well known here for his high class work.
Anyone wishing his services may call the Miners Foundry, Phone 10.

See Me—
See Better
GEO. H.
SHIRKEY
Opt. D.
Optometrist
118 Mill St.
Grass Valley

PICNIC

For the Benefit of the

NEVADA CITY—GRASS VALLEY SKI CLUB

SUNDAY, JUNE 21ST, 1931

PROGRAM

Lucille Atherton Harger well known K. F. R. C. artist will sing popular airs.

Baseball—Nevada City vs. Grass Valley Elks at 11:00 A. M.; Golf—Driving for Distance; Men's Free for all—100 yard dash; Ladies Race—18 years or over; Fat Ladies race—free for all; Boy's Race—12 to 18 years; Girl's Race—12 to 18 years; Boy's Race—8 to 12 years; Girls Race—8 to 12 years; Horse Relay Race—1 mile; Pie Eating Contest; Diving in Flour For Nickles; Boy's Boxing Contest; Game Cock Exhibition.

MORE THA NTHIRTY VALUABLE PRIZES WILL BE GIVEN AWAY BY THE MERCHANTS OF NEVADA CITY AND GRASS VALLEY.

PLENTY OF REFRESHMENTS—THE FINEST KIND.

Admission, Adults 50 cents, Children under 12 free.

BALL

SATURDAY, JUNE 20, 1931

Le Barr Meadows Pavilion
On Auburn Highway

RED HAT RAMBLERS
—HOT SUPPER—
Chili Baked Beans, Hot Rolls, Cake and Coffee, 25 Cents

THE REXALL STORE

PROTECT YOUR SKIN FROM THE SUMMER SUN

Sunburn, tan, freckles are the bane of all vacationists. Take a bottle of Ilasol along with you. It will protect your skin from weather conditions. An excellent base for face powder. Soothing after the shave. Sold only at

ILASOL 50c
THE REXALL STORE
R. E. HARRIS
THE REXALL DEPARTMENT DRUG STORE

STATE MINING CELEBRATION
MARIPOSA, CALIFORNIA
June 20-21, 1931

Sponsored by Gov. Rolph and conducted under auspices of Mariposa Chapter, Mining Association of California.
Base Ball Game—Sunday, 3 P. M., June 21
NEVADA CITY vs. MARIPOSA MINERS
Rock Drilling Contest—State Championship—$50 Prize
Gold Panning Contest—State Championship—$50 Prize
This will be a regular "OLD MOTHER LODE CELEBRATION" with all the trimmings.
Richard Buhlis, Secy.
MARIPOSA CALIFORNIA

Service Cleaners

RISLEY & JEFFERY
Made-To-Measure Suits, With Extra Pants, Guaranteed,
Dress suits, business suits, golf clothes, overcoats, flannels, caps, sweaters, mufflers, ties, gloves, etc.
Our work adds dollars to your savings and weeks to the wear of your clothes.
"Where Quality and Service Meet"
215 W. Main St. Phone 264
Grass Valley, Calif.
WE CALL FOR AND DELIVER

Peculiar Quality

ABOUT OUR SERVICE

Our patrons have found that it is "different" from others; it is more personal, more sympathetic. And that is what you want when you have trouble in the family such as death and its attendant misfortune.
MODERN AMBULANCE SERVICE
HOLMES FUNERAL HOME

LEGAL NOTICE

dants is without right, and that they have not, nor has any, or either of them, any right, title, estate, lien or interest in said real property or any part or portion thereof.

The land and property affected by this action is:

All that certain real property situate in the City of Grass Valley, County of Nevada, State of California, and bounded and particularly described as follows, to wit:

All that portion of Lot 9 in Block 27 of the Town, now City, of Grass Valley, as said lot and block are designated upon the official map of the Town of Grass Valley made by Samuel Bethell in the year 1872, and more particularly described as follows, to wit:

Beginning at the South East Corner of Lot 9, on the North line of Neal Street of said City of Grass Valley, from which the South West corner of Lot 8, the intersection of the East line of Mill Street and the North line of Neal Street, bears N 57° 18' W at the distance of 208.11 feet; thence N 22° 34' E along the line between lots 9 and 10, 66.89 feet to the corner common to lots 9, 10 and 12 of said Block 27; thence N 18° 14' E along the line between lots 9 and 12, 47.14 feet to the North East corner of lot 9 on the West line of lot 12; thence N 67° 50' W along the line between lots 9 and 6A, 38.50 feet; thence S 23° 47' W 105.73 feet to the Northerly line of Neal Street; thence S 57° 18' E along the Northerly line of Neal Street to the place of beginning.

GIVEN under my hand and the seal of the Superior Court of the State of California in and for the County of Nevada, this 15th day of May, A. D., 1931.

R. N. McCORMACK, Clerk.
By ....., Deputy Clerk.
(SEAL)
First publication May 22, 1931.
Last Publication July 24, 1931. ....

NOTICE TO CREDITORS
No. 3348.

In the Superior Court of the State of California in and for the County of Nevada.

In the Matter of the Estate of DAHL M. NIVENS, Deceased.

NOTICE IS HEREBY GIVEN by the undersigned BESSIE G. NIVENS, as Administratrix of the Estate of Dahl M. Nivens, deceased, to the Creditors of and all persons having claims against the said decedent to file them with the necessary vouchers within six (6) months after the first publication of this notice in the office of the Clerk of the Superior Court of the State of California, in and for the County of Nevada, or to exhibit them, with the necessary vouchers within six (6) months after the first publication of this notice to the said administratrix, at law offices of Nilon, Hennessy & Kelly, 127 Mill Street, Grass Valley, Nevada County, California, the same being her place of business in all matters connected with the estate of said Dahl M. Nievns, Deceased.

Dated June 6th, 1931.
BESSIS G. NIVENS,
Administratrix of the Estate of Dahl M. Nivens, Deceased.
Nilon, Hennessy & Kelly,
Attorneys for Administratrix.
First Publication June 12. 1931.
Dates of Publication June 12, 19, 26, July 3, 1931.

LEGAL NOTICE

SUMMONS

NO. 5926

In the Superior Court of the State of California in and for the County of Nevada.

ANNA LUTHER, Plaintiff,
v.
JOHN JOHNSON; ELIZABETH E. TARR; also, all other persons unknown claiming any right, title, estate, lien or interest in the real property described in the complaint adverse to plaintiff's ownership ,or any cloud upon plaintiff's title thereto, Defendants.

Action to determine adverse claims to and clouds upon title to real property, brought in the Superior Court of the State of California in and for the County of Nevada, and the complaint filed in the office of the Clerk of said County of Nevada.

NILON, HENNESSY & KELLY, Attorneys for Plaintiff, Grass Valley, California.

THE PEOPLE OF THE STATE OF CALIFORNIA SEND GREETINGS TO:

JOHN JOHNSTON; ELIZABETH E. TARR; also, all other persons unknown claiming any right, title, estate, lien or interest in the real property described in the complaint adverse to plaintiff's ownership, or any cloud upon plaintiff's title thereto, Defendants.

YOU ARE HEREBY directed to appear, and answer to the complaint in an action entitled as above, brought against you in the Superior Court of the State of California in and for the County of Nevada, within ten days after the service on you of this summons—if served within this County,—or within thirty days if served elsewhere.

And you are hereby notified that unless you appear and answer as above required, the said plaintiff will take judgment for any money or damages demanded in the complaint as arising upon contract, or she will apply to the court for any other relief demanded in the complaint.

The following is a statement of the object of the action:

The object of the action is to determine all and every claim, estate, right, title, lien or interest in the property herein described; that the plaintiff is now, and has been, by herself and her predecessors in interest, the owner of and in the actual, exclusive and adverse possession of the property hereinafter described continuously for the period of more than twenty years immediately preceding the filing of the complaint in this action, claiming to own the same in fee against the whole world, and that plaintiff has, by herself and by her predecessors in interest, paid all taxes of every kind and nature whatever, levied or assessed against said real property during the period of five years continuously immediately preceding the filing of complaint aforesaid; that the claims or claim of said defen-

NOTICE TO CREDITORS

In the Matter of the Estate of NAHUM C. GOODWIN, Deceased.

NOTICE IS HEREBY GIVEN by the undersigned Edw. C. Uren, as administrator of the Estate of Nahum C. Goodwin, deceased, to the Creditors of and all persons having claims against the said decedent to file them with the necessary vouchers within six (6) months after the first publication of this notice in the office of the Clerk of the Superior Court of the State of California, in and for the County of Nevada, or to exhibit them, with the necessary vouchers within six (6) months after the first publication of this notice to the said Administrator at the office of W. E. Wright, Attorney at law, Nevada City, California, the same being his place of business in all matters connected with the estate of said Nahum C. Goodwin, deceased.

Dated June 4th, 1931.
EDW. C. UREN,
Administrator of the Estate of Nahum C. Goodwin, deceased.
First Publication June 5th, 1931.

DON'T DUCK.

Meet your friends with neatly cleaned clothes.
Did you ever see an old friend coming down the street in the distance, and realizing that your clothes were not neatly cleaned and pressed, turned a corner to keep from meeting him?
Our cleaning prices are so moderate that such a thing need never happen.
Send your clothes often to the
GRASS VALLEY CLEANERS
ED BURTNER, Proprietor.
Phone 375 W 111 West Main St.
Will call Monday and Thursday afternoons at your home and deliver on the next trip over. We will credit your phone charges.

SIGNALLING DEVICE FOR SHAFT MINES

A new signaling device for shaft mines with a talking circuit between cage or skip and the engine house is described in an information circular of the United States Bureau of Mines, Department of Commerce, written by L. D. Stewart and E. V. Potter, Jr.

There has been a great need for a signaling system that could be operated from the cage and several successful methods have been developd. However, none is as complete as the method described, which is believed to be the only one with a talking circuit, a feature which is believed to be the only one with a talking circuit, a feature which in itself is a great advantage.

Two loud speakers are installed in the engine house— the cage loud speaker which is always in service and the skip speaker which is used when required. With this system it is possible to signal the engineer from both cage and skip from any place in the shaft whether or not the cage or skip is moving, and it is possible at all times to talk with the engineer by using the telephone.

Another added feature is the safety switch connected with the rope in the bonnet of the cage. This switch is normally open, but closes and automatically gives the stop signal whenever the rope slacks, which is a decided benefit if the cage becomes stalled in the shaft when being lowered.

A full description of the electrical circuit, apparatus required, and cost of installation is given in Information Circular 6487, "A New Signalling Devise for Shaft Mines. With Comments and Suggested Modifications," copies of which may be obtained free from the U. S. Bureau of Mines, Department of Commerce, Washington, D. C.

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DEDICATION OF CANNON DRAWS LARGE CROWDS

A large crowd of people gathered at Cannon Point just west of Downieville Sunday afternoon to observe Flag Day and dedicate the old cannon of Company K 6th Regt. California Volunteers.

On May 27, 1863 this cannon was being fired to celebrate the fall of Vicksburg. Two shots were fired and a third exploded from lack of cleaning the cannon. It hurled the body of Lieutenant Knox almost into the Yuba river while Second Lieutenant Donaldson was so mangled he also soon expired.

Mrs. John Hughes of Reno, who came over to attend the ceremonies, was prsent at the time of the tragedy.

The Native Daughters and Native Sons of the Golden West had an inscription placed on the cannon pedestal relating the incident.

J. M. McMahon was orator of the day.

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STEFANI TAKEN TO SAN JOAQUIN PRISON

Jim Stefani, old resident of Truckee has been taken to San eQuentin prison to start srving sentnce, having been found guilty of assault with a deadly weapon.

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Sheriff George R. Carter and deputies on Saturday evening raided the home of John Macari on Long Street. A quantity of wine and other intoxicating liquor was found, which was confiscated. Macari pleaded guilty and Judge W. L. Mobley set the fine at $150. which was paid.

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LUCKY WOMAN HOPES AGAIN TO WIN CLAIM

Mrs. Alice Grundy who was lucky enough to win the claim offered by the Grass Valley Chamber of Commerce was a visitor in The Nugget office last Saturday buying quartz location notices as she intends to locate several claims adjoining her property on the Bear River near Colfax.

Mrs. Grundy expressed herself as delighted with the property and plans to build a home on the property this season.

She intends to be on hand to help Grass Valley celebrate the Fourth this year and hopes that she will again be lucky enough to win the claim.

0

NEVADA CITY SANITARIUM NOTES OF THE WEEK

Miss Violetta Ford, daughter of Mrs. D. Gribben of Gold Flat was operated upon by Dr. R. F. Werner Monday evening for acute appendicitis. She was taken suddenly ill at a late hour and rushed to the Nevada City sanitarium.

Joe Garesio had his tonsils removed at the Sanitarium Wednesday. Dr. Werner performed the operation.

Miss Audrey Davis, daughter of Mrs. Beth Davis, fell while skating Wednesday and broke her left elbow. Dr. Werner reduced the fracture.

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S. P. PASSENGER AGENT HAS PLEASANT MEMORIES OF CITY

Mr. E. S. White of Sairamento Southern Pacific passenger agent, was in Nevada City Thursday on business.

He was born on a ranch back of Banner Mountain and has several relatives in Nevada City among them being Chief of Police Lloyd Jennings who is an uncle.

0

MEMORIES OF THE OLD HOME

By J. M. Swazey

I have pleasant memories of the old home
Sweet memories of childhood days;
Memories of the fields I used to roam
And the woods I'll love always.

'Twas there, one bright June morn,
While the sun shone brightly above,
I, in that old fashioned home was born
Sent down for a mother to love.

'Twas there I received all the care
That a mother's fond heart can bestow,
I was rocked to sleep by the mummuring pines
As they slowly rocked to and fro.

Those were the days of sunshine
When the night, meant a happy tomorrow,
But the babies of yesterday, are the men of today
Thrown out into a world of sorrow.

Though life has plenty of sunshine
Plenty of thrills and charms;
Don't we all yearn for the old home
And the Haven of a mother's arms?

Each day I am growing more restless,
I can never be happy until
I get back to the old home
Standing alone on the Hill.

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LOCAL HAPPENINGS

Mr. Henry Carreg, and two daughters, Mrs. and Mr. E. W. Conway, all of San Francosco, and Mrs. Rae Ohlandt and son, Richard or Napa, composed a party that visited the Nugget office Wednesday. Mr. Carreg and Mr. Conway are former Nevada City residents and were pleased with the forward strides being made here in our mines and more prosperous looking community. They are renewing old acquaintances.

Thomas Bessler is back from a short vacation spent in Downieville with relatives.

Mr. and Mrs. Harold Young of Berkeley spent a week end here with relatives. Mr. Young returned Monday and his wife remained for a longer visit.

Wm. Fouyer and family spent Wednesday night in their home in Nevada City. He is kept quite busy where he is stationed at Truckee attending to law violators.

F. C. Joubert of Camptonville was a Nevada City visitor Wednesday.

Mrs. W. E. Beatty of Sanger is here visiting her mother, Mrs. Geo. Downey, and brothers and sisters.

Mrs. Harvey Cooper has as visitors her daughter, Mrs. Lear and son Allen, of Plumas county.

Miss Elaine Mobley, who teaches in the Roseville high school, has returned to spend here vacation at her home in Nevada City.

Mr. and Mrs. Frank Healey and daughter, Marcia, of San Rafael, are spending a vacation of several weeks in this city with Mrs. Healey's sisters, Mrs. Aubrey Wisker and Miss Alma Marsh.

TRIBUTES
OF
ROMANCE
The alluring charm of Bluebird Diamonds achieves the lovers' dream of beauty. Diamonds of recognized quality with full trade-in value.
BLUEBIRD
125.00

H. W. HARTUNG & SON
Jewelers
124 Mill St. Grass Valley

Authorized distributor
BLUEBIRD
Registered
DIAMOND RINGS

J. C. PENNEY CO. INC.
DEPARTMENT STORE
GRASS VALLEY, CALIF.

FRIDAY AND SATURDAY SPECIALS

Just in time for the Fourth of July These beautiful Dresses in the Newest prints have arrived from our New York headquarters for your approval. The styles were never prettier and just look at the prices and come in to see them today for they won't last long at this price.

$7.90
Size 14 to 42
FLAT CREPE DRESSES
Can you imagine a hundred or more of these dresses in plain and printed silks, long sleeves and cap sleeves and sleveless models, to sell for

$3.98
Sizes 14 to 48
RAYON AND VOILE DRESSES
We have a group of new voiles in the long lengths and Rayon Sport Dresses, some jacket models in the lot at

$2.79
Sizes 14 to 48
PRINTED RAYON DRESSES
Another Group of Dresses for your approval at this low price

$1.98
VOILE DRESSES
A group of dresses in smart models at only

$1.79
SPECIAL FRIDAY AND SATURDAY
AS ONE FEATURE OF OUR 98c EVENTW E ARE SELLING HOUSE DRESSES, FAST COLORS OR GAUDY TRIMMED

Two for 98c

SPRING GARDENING TOOLS

LAWN MOWERS, RAKES, SPADES, HOES

HAND GRASS CLIPPERS, HAND TROWELS,

HAND WEEDERS

GARDEN HOSE AND SPRINKLERS

SPRAYS AND FERTILIZER

Complete Line Lilly Seeds. Grass Seeds in Bulk.

White Clover, Alfalfa, Red Clover, Kentucky

Blue Grass

ALPHA HARDWARE & SUPPLY CO

NURSODA

Gives Prompt and Lasting Relief From Stomach Distress

A carefully balanced compound of antacid agents, soothing and beneficial to gastric and intestinal membranes.

75c

DICKERMAN DRUG STORE

GROCERIES
Better Quality

ALL THE ODDS AND ENDS

That Make The Meal a Banquet

At this store you can obtain everything you need for that meal in the grocery line. We have all the delicious dishes and odds and ends that change a meal into a veritable banquet. We have the best in groceries at prices you can afford to pay. Merchandise cheerfully promptly delivered. We disappoint no one. Just give us a trial and be convinced.

J. J. JACKSON

Phone Number One We Deliver

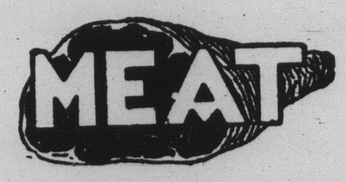
NOTICE

TO WHOM IT MAY CONCERN

Notice is hereby given that the undersigned, the "Minerals Exploration Trust" is the sole exclusive owner of the mining location or claim, situated in Section 13, 14, 25, Township 17 N. Range 11 East, M. D. B. M.., in Washington District, Nevada County, California, which said location is known as the "Bute Mine"; that persons known to the owners as F. C Whitwell, Wm. Spree and others, have taken unlawful possession of said mine under a pretended relocation, calling it the "Provident Mine" "Providence Mine"; that said alleged relocation is absolutely without lawful right and that all persons dealing with said Whitwell, Spree, et al, do so at their own risk, and will be dispossed and ejected by process of law and mulct in damage for trespass and unlawful detention of said property.

MINERALS EXPLORATION TRUST
By Grant Maxwell, President,
Will C. Wallace, Sec'y.

Fresh, Wholesome, Appetizing



Our large and growing volume of business enables us to offer you a large variety of choice meats at a small margin of profit.

SOME OF OUR SPECIALS

Small rib steaks, tender and uicy.
Fine Tenderloin and Sirloin cuts.
Roasts of all kinds.
Weinies and superfine Kraut.

KEYSTONE MARKET
CALAHAN & RICHARDS